



1-00380

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)

William A. Cook et al.)

Serial No. 542,590)

Filed October 17, 1983)

EXERCISE RESPONSIVE CARDIAC)
PACEMAKER)

Before the Examiner

M. Shein

Group Art Unit 335

March 25, 1985

AMENDMENT AFTER FINAL ACTION

Hon. Commissioner of Patents and Trademarks

Washington, D. C. 20231

Sir:

In response to the Office Action dated October 23, 1984, please enter the following amendment in the above-identified patent application.

IN THE CLAIMS:

Please amend claims 10, 13 and 14 as follows, and cancel claims 11 and 12.

10. (Twice amended) A catheter-based sensor and stimulus means for an exercise responsive cardiac pacemaker including pacing circuitry for providing electrical stimulation of a heart based upon the level of muscular exertion, comprising:

a [sensor means] thermistor for sensing blood temperature, said [sensor means] thermistor having a pair of electrical leads;

"Express Mail" label number 818739767 1
Date of Deposit MARCH 25, 1985

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

William Doherty
Signature of person mailing paper or fee